

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20010022495"	US-PGPUB; USPAT	OR	ON	2008/06/22 08:43
L2	15	"2000017257" "05214338" "529956"	EPO; JPO; DERWENT	OR	ON	2008/06/22 08:46
L3	596	("B.sub.5" near10 "O. sub.9") 252/301.4H. cdls.	US-PGPUB; USPAT	OR	ON	2008/06/22 09:25
L4	6	("B.sub.5" near10 "O. sub.9") and 252/301.4H.cdl.s	US-PGPUB; USPAT	OR	ON	2008/06/22 09:25
L5	4	252/301.4H.cdl.s and (chloroborate bromoborate fluoroborate iodoborate (borate near3 (chloro iodo fluoro bromo Cl I. u/c. Br F))	US-PGPUB; USPAT	OR	ON	2008/06/22 09:29
L6	17	252/301.4H.cdl.s and (haloborate chloroborate bromoborate fluoroborate iodoborate (borate near3 (chloro iodo fluoro bromo Cl I. u/c. Br F halide halo))	US-PGPUB; USPAT	OR	ON	2008/06/22 09:30
S3	26	"B.sub.5" near2 "O. sub.9" near3 (F Cl Br I)	US-PGPUB; USPAT	OR	ON	2007/12/05 20:45
S4	26	("B.sub.5" near2 "O. sub.9") same (F Cl Br I)	US-PGPUB; USPAT	OR	ON	2007/12/04 23:26
S5	30	("B.sub.5" near2 "O. sub.9")	US-PGPUB; USPAT	OR	ON	2007/12/04 23:39
S6	4	S3 not S4	US-PGPUB; USPAT	OR	ON	2007/12/04 23:27
S7	1	"20050179364"	US-PGPUB; USPAT	OR	ON	2007/12/04 23:28
S8	363	(alkal\$3 near3 earth near3 metal near3 boric)	US-PGPUB; USPAT	OR	ON	2007/12/04 23:28
S9	3	(alkal\$3 near3 earth near3 metal near3 boric) with phosphor	US-PGPUB; USPAT	OR	ON	2007/12/04 23:30

S10	3	(alkal\$3 near3 earth near3 boric near3 (halide halogen)) with phosphor	US-PGPUB; USPAT	OR	ON	2007/12/04 23:32
S11	3	(alkal\$3 near5 earth near5 boric near5 (halide halogen)) with phosphor	US-PGPUB; USPAT	OR	ON	2007/12/04 23:33
S12	21	(alkal\$3 near5 earth near5 boric near5 (halide halogen))	US-PGPUB; USPAT	OR	ON	2007/12/04 23:34
S13	38	(alkal\$3 near5 boric near5 (halide halogen))	US-PGPUB; USPAT	OR	ON	2007/12/07 15:59
S14	0	"B5O9" and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))	EPO; JPO; DERWENT	OR	ON	2007/12/04 23:42
S15	19	(alkal\$3 near5 boric near5 (halide halogen))	EPO; JPO; DERWENT	OR	ON	2007/12/04 23:40
S16	0	("B5" near2 "09") and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter	EPO; JPO; DERWENT	OR	ON	2007/12/04 23:43

		compound substance structure element layer (film member))				
S17	0	("B509") and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer (film member)))	EPO; JPO; DERWENT	OR	ON	2007/12/04 23:43
S18	0	("B5 O9") and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer (film member)))	EPO; JPO; DERWENT	OR	ON	2007/12/04 23:44

S19	0	("B5" near5 "O9") and (\$luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))	EPO; JPO; DERWENT	OR	ON	2007/12/04 23:44
S20	28	(boric with (halogen halide)) and (\$luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))	EPO; JPO; DERWENT	OR	ON	2007/12/04 23:49
S21	8	313/484-487.ccl.s. and (F Cl Br I) and (Mn Fe Cr Sn) and (Ca Ba Mg Sr) and ("B.sub.5")	US-PGPUB; USPAT	OR	ON	2007/12/05 09:45
S22	1	"20050116240"	US-PGPUB; USPAT	OR	ON	2007/12/05 11:57
S23	555	252/301.4H.ccl.s.	US-PGPUB; USPAT	OR	ON	2007/12/05 20:55
S24	10	252/301.4H.ccl.s. and "B.sub.5"	US-PGPUB; USPAT	OR	ON	2007/12/05 19:43

S25	1	252/301.4H.cds. and ((barium calcium magnesium strontium) near5 borate near5 (halide halogen chloro iodo bromo fluoro))	US-PGPUB; USPAT	OR	ON	2007/12/05 14:27
S26	11	252/301.4H.cds. and (haloborate)	US-PGPUB; USPAT	OR	ON	2007/12/05 19:43
S27	2	"60157099"	EPO; JPO; DERWENT	OR	ON	2007/12/05 12:48
S30	2	252/301.4H.cds. and (chloroborate bromoborate fluoroborate iodoborate)	US-PGPUB; USPAT	OR	ON	2007/12/05 13:16
S31	4	252/301.\$.cds. and (chloroborate bromoborate fluoroborate iodoborate)	US-PGPUB; USPAT	OR	ON	2007/12/05 14:14
S38	18	252/301.\$.cds. and (chloro\$borate bromo \$borate fluoro\$borate iodo\$borate halo \$borate halo\$borate)	US-PGPUB; USPAT	OR	ON	2007/12/05 14:26
S39	4	252/301.\$.cds. and ((barium calcium magnesium strontium) near5 borate near5 (halide halogen chloro iodo bromo fluoro))	US-PGPUB; USPAT	OR	ON	2007/12/05 14:38
S40	0	("2988516").URPN.	USPAT	OR	ON	2007/12/05 14:37
S41	3	252/301.\$.cds. and ((barium Ba Ca Mg Sr calcium magnesium strontium) near5 borate near5 (Br bromide iodide bromine iodine I Chloride chlorine f fluoride fluorine))	US-PGPUB; USPAT	OR	ON	2007/12/05 14:40
S42	77	252/301.\$.cds. and ((barium Ba Ca Mg Sr calcium magnesium strontium) same borate same (Br bromide iodide bromine iodine I Chloride chlorine cl f fluoride fluorine))	US-PGPUB; USPAT	OR	ON	2007/12/05 19:07

S44	29	313/484-487.ccls. and ((barium Ba Ca Mg Sr calcium magnesium strontium) same borate same (Br bromide iodide bromine iodine I Chloride chlorine cl f (fluoride fluorine))	US-PGPUB; USPAT	OR	ON	2007/12/05 19:33
S45	32	252/301.4H.ccls. and "B.sub.2"	US-PGPUB; USPAT	OR	ON	2007/12/05 19:43
S46	11	252/301.4H.ccls. and (halo\$borate)	US-PGPUB; USPAT	OR	ON	2007/12/05 19:43
S47	16	252/301.\$.ccls. and (haloborate)	US-PGPUB; USPAT	OR	ON	2007/12/05 20:54
S48	2	("3431216").URPN.	USPAT	OR	ON	2007/12/05 20:41
S49	26	"B.sub.5" with "O. sub.9" with (F Cl Br I)	US-PGPUB; USPAT	OR	ON	2007/12/05 20:49
S50	1	"B.sub.5O.sub.9" with (F Cl Br I)	US-PGPUB; USPAT	OR	ON	2007/12/05 20:50
S51	1	"B.sub.5O.sub.9" same (F Cl Br I)	US-PGPUB; USPAT	OR	ON	2007/12/05 20:50
S52	2	"B.sub.5O.sub.9"	US-PGPUB; USPAT	OR	ON	2007/12/05 20:50
S53	29	"B.sub.5 O.sub.9"	US-PGPUB; USPAT	OR	ON	2007/12/05 20:52
S56	0	".sub.2 B.sub.5 O. sub.9"	US-PGPUB; USPAT	OR	ON	2007/12/05 20:52
S57	0	".sub.2B.sub.5 O. sub.9"	US-PGPUB; USPAT	OR	ON	2007/12/05 20:52
S58	0	") .sub.2B.sub.5 O. sub.9"	US-PGPUB; USPAT	OR	ON	2007/12/05 20:52
S59	0	") .sub.2B.sub.5O. sub.9"	US-PGPUB; USPAT	OR	ON	2007/12/05 20:52
S60	0	"B.sub.5O.sub.9F" "B. sub.5O.sub.9I" "B. sub.5O.sub.9Br" "B. sub.5O.sub.9Cl"	US-PGPUB; USPAT	OR	ON	2007/12/05 20:53
S61	54	252/301.4H.ccls. and (borate boric)	US-PGPUB; USPAT	OR	ON	2007/12/05 20:55
S62	26	("B.sub.5" near2 "O. sub.9") same (F Cl Br I)	US-PGPUB; USPAT	OR	ON	2007/12/06 23:01
S63	66	borate and (LED.u/c. (light near3 (emitting emissive emission emitter) near3 (diode device element)))	EPO; JPO; DERWENT	OR	ON	2007/12/06 23:14

S64	59	boric and (LED.u/c. (light near3 (emitting emissive emission emitter) near3 (diode device element)))	EPO; JPO; DERWENT	OR	ON	2007/12/06 23:18
S65	1	(halo\$borate fluoro \$borate chloro\$borate iodo\$borate bromo \$borate) and (LED.u/c. (light near3 (emitting emissive emission emitter) near3 (diode device element)))	EPO; JPO; DERWENT	OR	ON	2007/12/06 23:29
S66	7	(halo\$borate fluoro \$borate chloro\$borate iodo\$borate bromo \$borate) and (light near3 (emitting emissive emission emitter))	EPO; JPO; DERWENT	OR	ON	2007/12/07 00:02
S67	1602	(UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.)	US-PGPUB; USPAT	OR	ON	2007/12/07 00:03
S68	6283	(UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) andn 313/484-489.cols.	US-PGPUB; USPAT	OR	ON	2007/12/07 00:03
S69	47	(UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) and 313/484-489.cols.	US-PGPUB; USPAT	OR	ON	2007/12/07 00:04
S70	376	(UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) and semi\$conduct\$3 and nitride	US-PGPUB; USPAT	OR	ON	2007/12/07 00:05
S71	1207786	(UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) and semi\$conduct\$3 and nitride adn IN and Ga	US-PGPUB; USPAT	OR	ON	2007/12/07 00:05

S72	125	(UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) and semi\$conduct\$3 and nitride and (in with Ga)	US-PGPUB; USPAT	OR	ON	2007/12/07 23:09
S73	1	"20040043637"	US-PGPUB; USPAT	OR	ON	2007/12/07 11:58
S74	3	"2000044277"	EPO; JPO; DERWENT	OR	ON	2007/12/07 16:00
S75	1676	(UV ultra\$violet (ultra near3 violet)) and (LED.u/c.) and semi \$conduct\$3 and nitride and (in with Ga)	US-PGPUB; USPAT	OR	ON	2007/12/07 23:09
S76	1	(UV ultra\$violet (ultra near3 violet)) and (LED.u/c.) and semi \$conduct\$3 and nitride and (in with Ga)	EPO; JPO; DERWENT	OR	ON	2007/12/07 23:10
S77	28	(UV ultra\$violet (ultra near3 violet)) and (LED.u/c.) and (semi \$conduct\$3 same nitride same (indium in) same (gallium Ga))	EPO; JPO; DERWENT	OR	ON	2007/12/07 23:14
S78	1388	(UV ultra\$violet (ultra near3 violet)) and (LED.u/c.) and (semi \$conduct\$3 same nitride same (indium in) same (gallium Ga))	US-PGPUB; USPAT	OR	ON	2007/12/07 23:14
S79	840	(UV ultra\$violet (ultra near3 violet)) and (LED.u/c.) and (semi \$conduct\$3 same nitride same (indium in) same (gallium Ga)) and (fluorescen\$3 luminescen\$3 phosphor fluorophor)	US-PGPUB; USPAT	OR	ON	2007/12/07 23:14
S80	471	((UV ultra\$violet (ultra near3 violet)) same (LED.u/c.)) and (semi \$conduct\$3 same nitride same (indium in) same (gallium Ga)) and (fluorescen\$3 luminescen\$3 phosphor fluorophor)	US-PGPUB; USPAT	OR	ON	2007/12/07 23:15

S81	1	"20050179364"	US-PGPUB; USPAT	OR	ON	2008/06/21 00:40
S82	26	("B.sub.5" near10 "O. sub.9" near10 (Br F Cl)) and (luminescen\$3 cathod\$luminescen\$3 photo\$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member)))	US-PGPUB; USPAT	OR	ON	2008/06/21 00:52
S83	26	("B.sub.5" near10 "O. sub.9" near10 (Br F I Cl)) and (luminescen\$3 cathod\$luminescen\$3 photo\$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member)))	US-PGPUB; USPAT	OR	ON	2008/06/21 00:52
S84	26	("B.sub.5" near10 "O. sub.9" near10 (Br F I Cl))	US-PGPUB; USPAT	OR	ON	2008/06/21 01:06

S85	42	haloborate and (\$luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member)))	US-PGPUB; USPAT	OR	ON	2008/06/21 01:06
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